CAIT
Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT

Project Title:	Implementation of Weigh-In-Motion (WIM) Systems
RFP NUMBER:	NJDOT RESEARCH PROJECT MANAGER: W. Lad Szalaj
TASK ORDER NUMBER: 92 / 4-23941	PRINCIPAL INVESTIGATOR: Dr. Ali Maher
Study Start Date: 06/14/2000 **Original** Study End Date: 12/31/2003 **Modified Completion Date: 6/30/2005**	Period Covered: 1st Quarter 2005

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search	10%	0%	100%	10%
1. Packaging	17%	0%	100%	17%
2. Testing	14%	0%	100%	14%
3. Site Determination	11%	0%	100%	11%
4. Field Implementation & Calibration	16%	0%	93%	14.88%
5. Monitoring and Analysis	22%	0%	30%	6.6%
Final Report	10%	10%	1%	1%

1. Progress this quarter by task:
   A. Work was started on the Technical Report.
   B. A laboratory experiment was designed to evaluate the effects of top-down cracking on the ceramic-polymer material. Asphalt samples were prepared and active sensor material was prepared for embedment into the samples.

2. Proposed activities for next quarter by task:
   A. Conduct a laboratory tensile experiment to determine the effects of top-down cracking.

3. List of deliverables provided in this quarter by task (product date):
   N/A
4. Progress on Implementation and Training Activities:
   N/A
5. Problems/Proposed Solutions:
   The potential site of the new installation had to be changed due to material properties of the pavement and also the weather prevented a winter installation from occurring.

Total Project Budget	$194,500.00
Modified Contract Amount:	
Total Project Expenditure to date	$104,251
% of Total Project Budget Expended	54%

* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.